

ABSTRACT OF THE DISCLOSURE

A method of taking an extended X-ray photograph by using an film cassette devised to
5 contain a longer X-ray film such that a longer complete image of a subject may be rendered such
that no diagnostic information is lost in examinations of scoliosis or the long bones of the body.
When the cassette is exposed to X-rays through an object, an X-ray transmission image of the
object is recorded on a stimuable phosphor sheet and, at the same time, the X-ray film is
exposed to light instantaneously emitted from the stimuable phosphor sheet upon exposure to X-
rays to record an extended photographic latent image of the X-ray transmission image of the
object on the X-ray film.